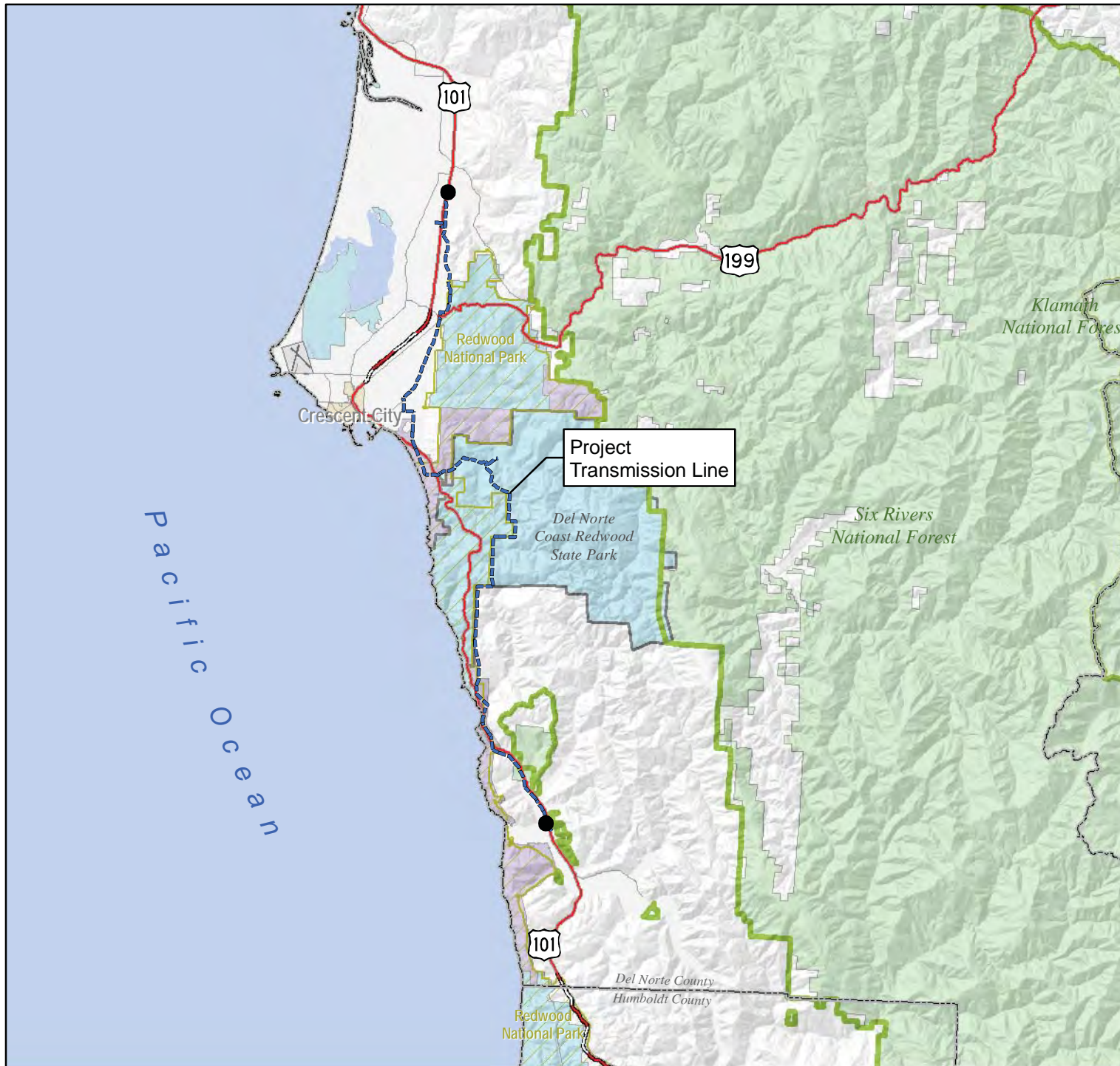


FIGURES

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DEL NORTE TO YUROK TRANSMISSION LINE



Legend

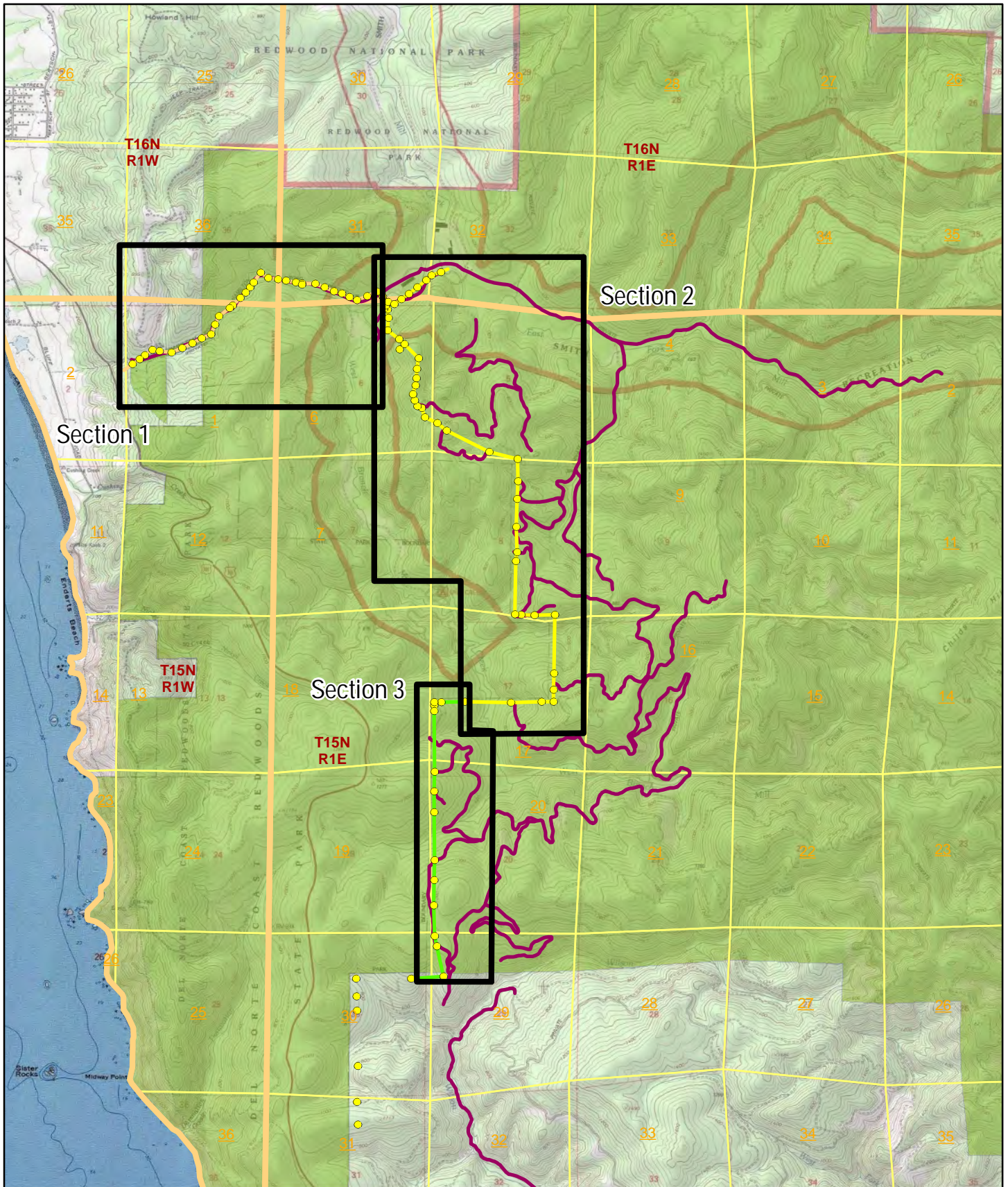
- Existing Substations
- Line 87 (Del Norte-Yurok) T-Line
- Transportation Features**
 - Interstate
 - State Highways
 - County Highway
 - National Park Service
 - CA State Park
- AGENCY**
 - Bureau of Land Management
 - National Park Service
 - State
 - US Forest Service

0 2.5 5
Miles



Figure 1
Regional Map and
Transmission Line Location





DEL NORTE TO YUROK
TRANSMISSION LINE



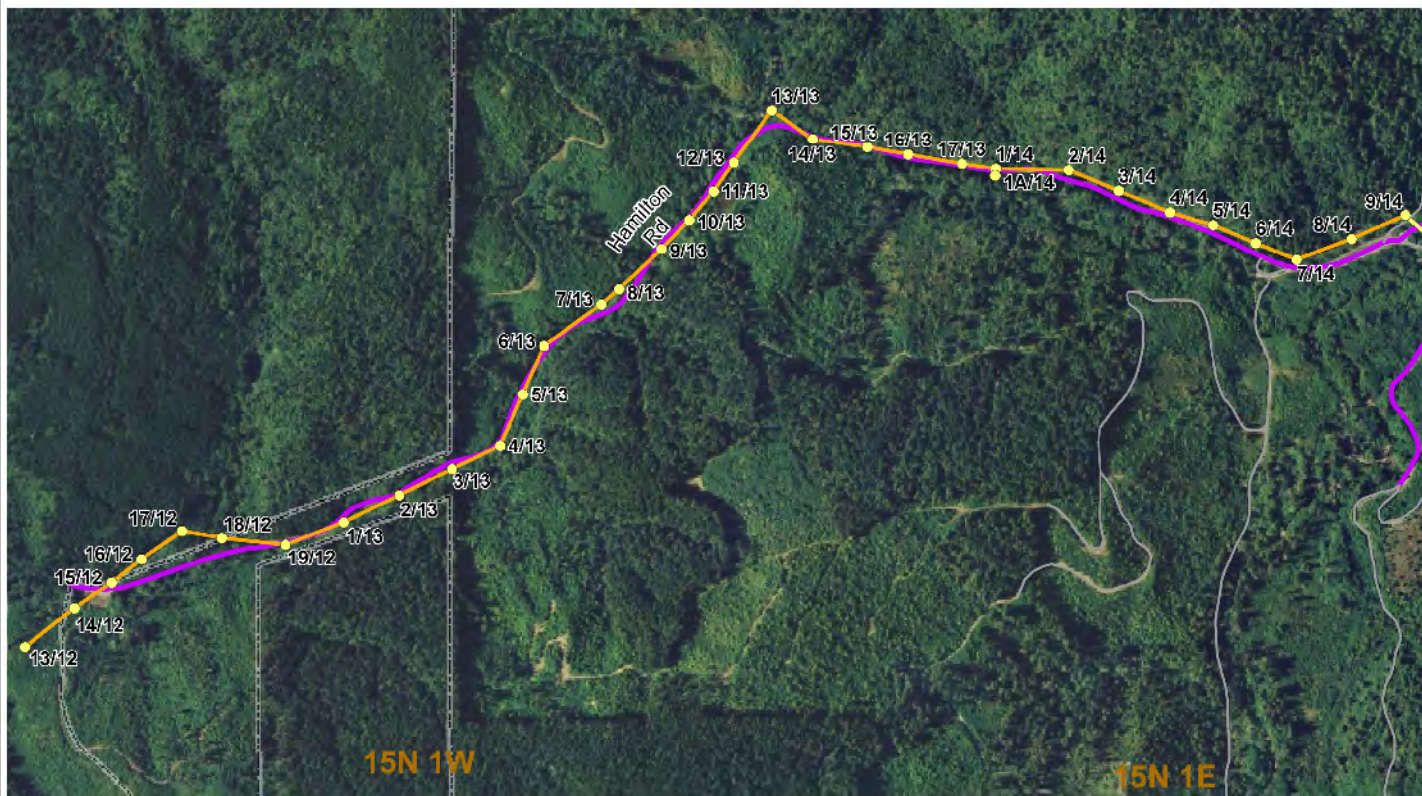
Legend

- Section 1
- Section 2
- Section 3

- Line 87 Del Norte-Yurok Structures
- Township/Range
- PLSS-Section
- Del Norte Coast Redwoods State Park
- Access Roads
- PLSS-Section
- Del Norte Coast Redwoods State Park

Figure 2-1
Index to Sections





DEL NORTE TO YUROC
TRANSMISSION LINE



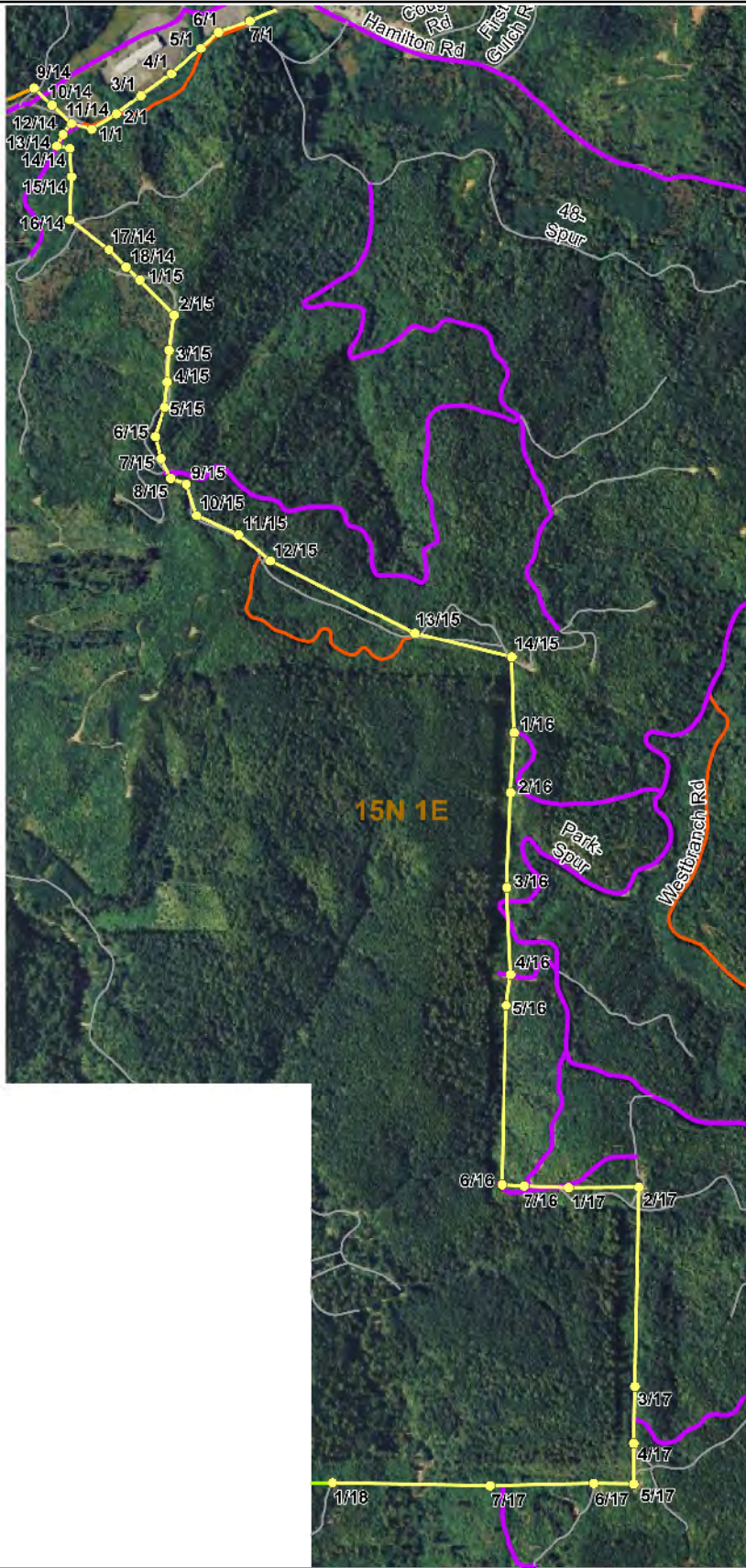
Legend

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

- Line 87 Del Norte-Yurok Structures
- Township/Range
- PLSS-Section
- Del Norte Coast Redwoods State Park
- Access Roads
- PLSS-Section
- Del Norte Coast Redwoods State Park

Figure 2-2
Hamilton Road
Section 1





DEL NORTE TO YUOK
TRANSMISSION LINE



Legend

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

- Line 87 Del Norte-Yurok Structures
- Township/Range
- PLSS-Section
- Del Norte Coast Redwoods State Park
- Access Roads
- PLSS-Section
- Del Norte Coast Redwoods State Park

Figure 2-3
Moratorium Road
Section 2





DEL NORTE TO YUROK
 TRANSMISSION LINE



Legend

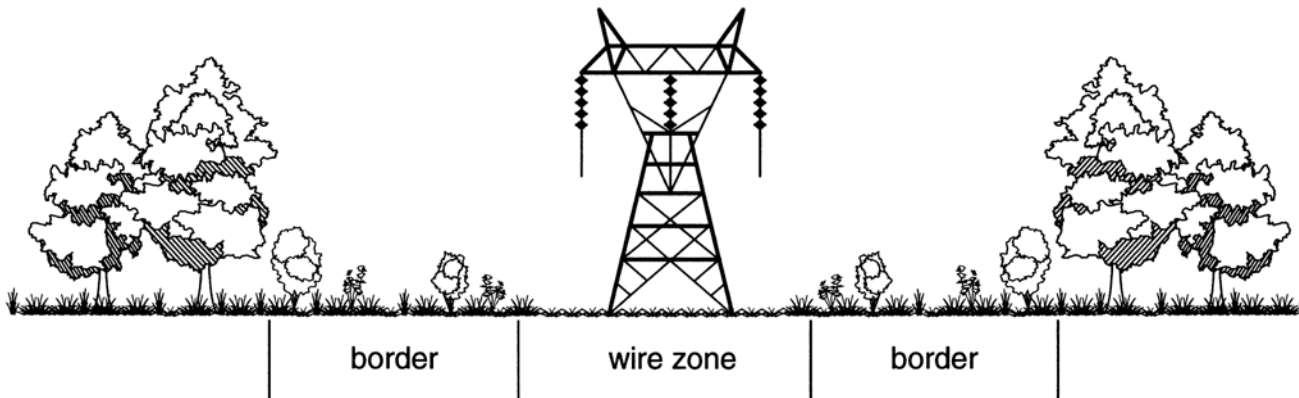
- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

- Line 87 Del Norte-Yurok Structures
- Township/Range
- PLSS-Section
- Del Norte Coast Redwoods State Park
- Access Roads**
 - PLSS-Section
 - Del Norte Coast Redwoods State Park

Figure 2-4
 Adjacent to Old Growth
 Section 3



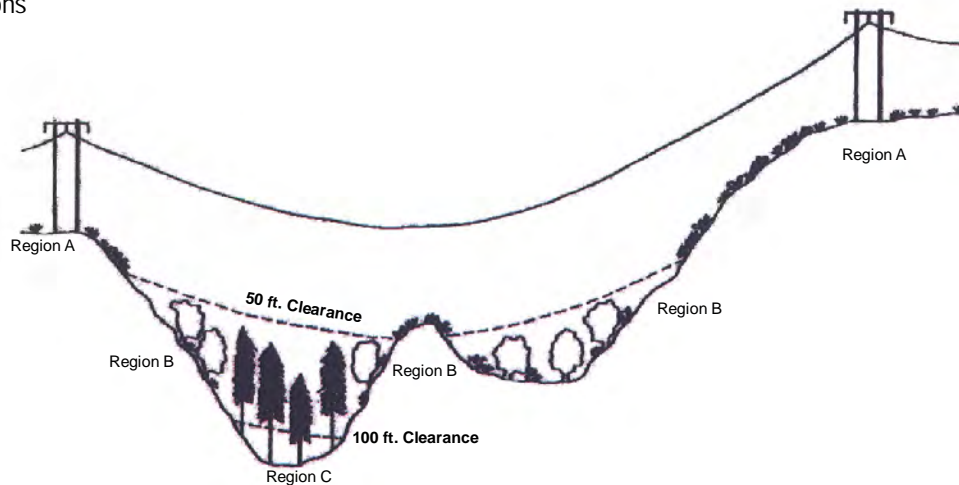
Wire Zone - Border Zone



DEL NORTE TO YUOK TRANSMISSION LINE



Under Clearance Regions



Region Definitions:

Region A: Where conductor to ground clearance is less than 50 feet.
 Region B: Where conductor to ground clearances is more than 50, but less than 100 feet off the ground.
 Region C: When conductor to ground clearances is greater than 100 feet off the ground.

Acceptable Region Plant Species:

Region A: Grasses, wildflowers, legumes, ferns and low-growing shrubs (<5' at maturity).
 Region B: Region A species in addition to large shrubs and short-growing trees.
 Region C: All tree and shrub species.

Figure 3-1
Vegetation Management



Overhang Clearance

Overhanging branches are not allowed on transmission conductors.

Side Clearance

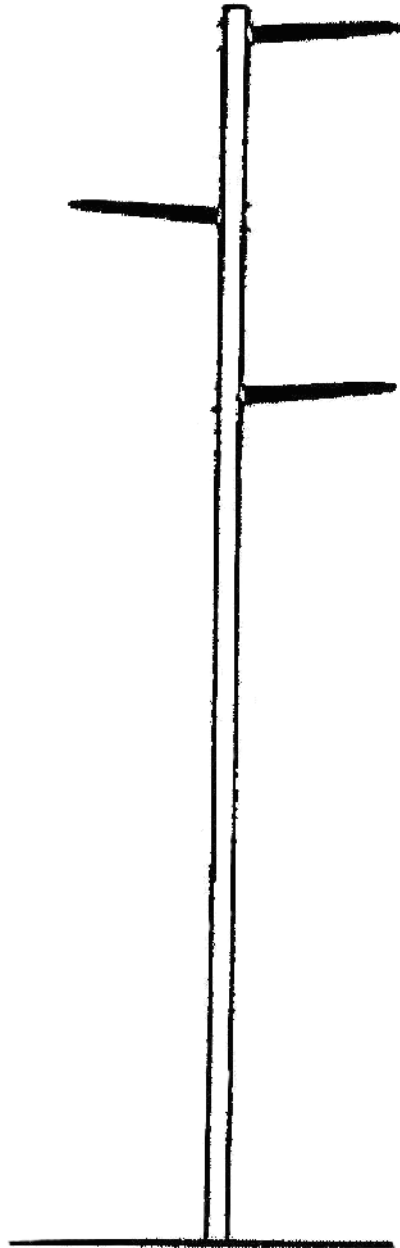
46 kV	20 Ft.
69 kV	20 Ft.
115 kV	20 Ft.
138 kV	20 Ft.
161 kV	25 Ft.
230 kV	30 Ft.

Under Clearance

Conductor to Ground is less than fifty feet. Remove all trees.

Conductor to Ground is greater than fifty feet. Remove all trees if they have less than fifty feet of clearance.

Road Width Clearance
10 Feet



Clearing Area

Clear dedicated width of ROW. May leave tall shrubs and trees with mature height under 25 ft in border zone.

46 kV	50 Ft.
69 kV	50 Ft.
115 kV	50 Ft.
138 kV	50 Ft.
161 kV	75 Ft.
230 kV	75 Ft.

Structure Clearance
25 Feet radius



DEL NORTE TO YUOK
TRANSMISSION LINE



Figure 3-2
Single Pole Structure
Clearance



Overhang Clearance

Overhanging branches are not allowed on transmission conductors.

Side Clearance

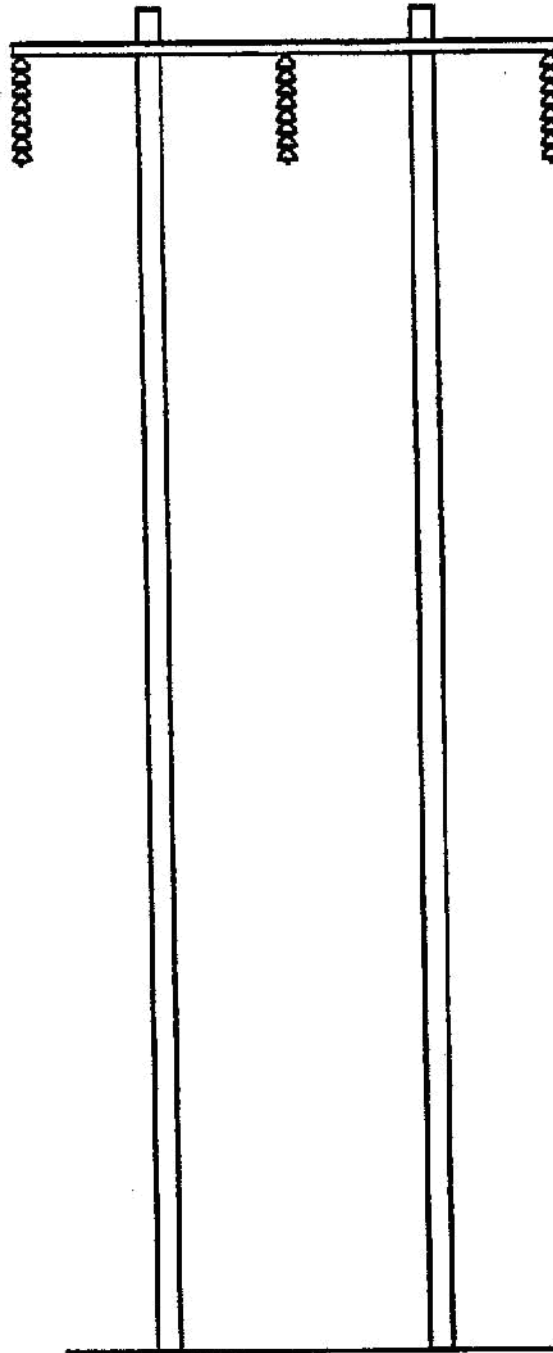
69 kV	20 Ft.
115 kV	20 Ft.
138 kV	20 Ft.
161 kV	25 Ft.
230 kV	30 Ft.

Under Clearance

Conductor to Ground is less than fifty feet. Remove all trees.

Conductor to Ground is greater than fifty feet. Remove all trees if they have less than fifty feet of clearance.

Road Width Clearance
10 Feet



Clearing Area

Clear dedicated width of ROW. May leave tall shrubs and trees with mature height under 25 ft in border zone.

Desired Total Clearing Widths

69 kV	100 Ft.
115 kV	100 Ft.
138 kV	100 Ft.
161 kV	125 Ft.
230 kV	125 Ft.

Structure Clearance
25 Feet radius



DEL NORTE TO YUOK
TRANSMISSION LINE



Figure 3-3
H - Structure
Clearances

